

**COMPUTER CONTROLLED SYSTEM FOR MODULARIZING THE
INFORMATION TECHNOLOGY STRUCTURE OF A BUSINESS ENTERPRISE
INTO A STRUCTURE OF HOLONIC SELF-CONTAINED MODULES**

Abstract

5 A system for facilitating the reorganization of the
information technology of a business organization into a
structure that is modular and, thus, interchangeable
between business units within the enterprise, and
particularly within World Wide Web enterprises involving
10 several correlated companies.

 A computer controlled system is provided for
modularizing the information technology structure of a
business organization into a structure of interchangeable
holonic self-contained modules, with each module
15 performing a set of related functions comprising means
for providing a plurality of sets of self-controlling
holons, with each holon in each set performing a business
capability of the same type as performed by the other
holons in its respective set but each set of holons
20 performing a different business capability type than the
other sets of holons. A plurality of integration holons
are provided, with each integration holon respectively
integrating the holons in one of said sets to provide a
coordinated overall business capability of one of said
25 different types. The system also provides for
modularizing the information technology structure of a
business organization so that each integration holon
integrates the holons in one of the sets to unitary
overall combination business capability holon. Such
30 combined sets of holons may perform a World Wide Web
business capability, an internal business organization
capability and/or a data processing organization type of
capability.